

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081624AL\
 Data File : FE049630.D
 Signal(s) : FID1B.ch
 Acq On : 16 Aug 2024 07:12
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/19/2024
 Supervised By :Ankita Jodhani 08/19/2024

Integration File: autoint1.e
 Quant Time: Aug 16 23:39:56 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 081424.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 14 11:05:17 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.894	3096565	19.149 ug/ml
Spiked Amount 50.000		Recovery =	38.30%
12) S 1-chlorooctadecane (S...	13.329	2354586	19.299 ug/ml
Spiked Amount 50.000		Recovery =	38.60%
Target Compounds			
1) T n-Nonane (C9)	3.280	2820626	18.227 ug/ml
2) T n-Decane (C10)	4.531	2988687	18.929 ug/ml
3) T A~Naphthalene (C11.7)	6.239	3050306	19.010 ug/ml
4) T n-Dodecane (C12)	6.699	3008312	19.136 ug/ml
5) T A~2-methylnaphthalene...	7.335	2899101	19.359 ug/ml
6) T n-Tetradecane (C14)	8.526	2950017	19.109 ug/ml
7) T n-Hexadecane (C16)	10.133	3006505	19.250 ug/ml
8) T n-Octadecane (C18)	11.576	3003860	19.126 ug/ml
10) T n-Eicosane (C20)	12.884	2866114	19.196 ug/ml
11) T n-Heneicosane (C21)	13.495	2813365	19.178 ug/ml
13) T n-Docosane (C22)	14.081	2795891	19.183 ug/ml
14) T n-Tetracosane (C24)	15.182	2809877	19.316 ug/ml
15) T n-Hexacosane (C26)	16.203	2779811	19.261 ug/ml
16) T n-Octacosane (C28)	17.153	2827451	19.630 ug/mlm
17) T n-Tricontane (C30)	18.039	3044529	20.337 ug/ml
18) T n-Dotriacontane (C32)	18.870	3130387	20.692 ug/ml
19) T n-Tetratriacontane (C34)	19.654	3129397	20.470 ug/ml
20) T n-Hexatriacontane (C36)	20.392	3118393	20.536 ug/ml
21) T n-Octatriacontane (C38)	21.122	3060141	19.497 ug/ml
22) T n-Tetracontane (C40)	22.022	3113886	20.395 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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